



COUNTY OF SAN DIEGO



MSCP 2002 ANNUAL REPORT

**Department of Planning and Land Use
Multiple Species Conservation Program**

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TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION.....	2
REPORT SUMMARY	2
METRO-LAKESIDE-JAMUL SEGMENT	4
LAKE HODGES SEGMENT	6
SOUTH COUNTY SEGMENT.....	6
MITIGATION BANKS AND GOVERNMENT PURCHASES	6
OTHER AREAS	7
AGRICULTURAL EXEMPTIONS	7
COUNTY MANAGEMENT AND MONITORING.....	8
REGIONAL FUNDING SOURCE/COUNTY CONTRIBUTION.....	12
ENVIRONMENTAL EDUCATION AND OUTREACH.....	13
MSCP MAP UPDATE.....	14

TABLES

TABLE 1 - SUMMARY OF BASE LINE HABITAT GAINS.....	15
TABLE 2 - SUMMARY OF HABITAT LOSSES AND GAINS	16
TABLE 3 - HABITAT CONSERVATION ACCOUNTING MODEL	17
TABLE 4 - SUMMARY OF PROJECT LOSSES	18
TABLE 5 - SUMMARY OF PROJECT GAINS.....	32
TABLE 6 - MITIGATION BANKS.....	34
TABLE 7 - GOVERNMENT PURCHASES	34
TABLE 8 - ACQUISITIONS WITHIN COUNTY OF SAN DIEGO MSCP	35
TABLE 9 - ACQUISITIONS WITHIN CITY OF SAN DIEGO MSCP	36
TABLE 10 - ACQUISITIONS WITHIN COUNTY AND CITY OF SAN DIEGO MSCP....	36

FIGURES

FIGURE 1 - BASE LINE PRESERVE AREA REVISED	37
FIGURE 2a - PRESERVE STATUS METRO-LAKESIDE-JAMUL NORTH.....	38
FIGURE 2b - PRESERVE STATUS METRO-LAKESIDE-JAMUL NORTH.....	39
FIGURE 2c - METRO-LAKESIDE-JAMUL SOUTH PRESERVE STATUS	40
FIGURE 3 - LAKE HODGES PRESERVE STATUS	41
FIGURE 4 - SOUTH COUNTY PRESERVE STATUS	42

INTRODUCTION

This is the Fifth Annual Habitat Tracking Report for the County of San Diego's Multiple Species Conservation Program (MSCP). The report has been prepared in accordance with Section 4.4 of the County's MSCP Subarea Plan, and Section 14.0 of the County's associated Implementing Agreement (IA). This report provides an accounting of the habitat lost and preserved from January 1 through December 31, 2002.

The County Board of Supervisors adopted the County of San Diego's MSCP Subarea Plan on October 22, 1997. The County's IA became effective on March 17, 1998. The IA identifies the goals, objectives and responsibilities of the signatories including the California Department of Fish and Game (CDFG), the United States Fish and Wildlife Service (USFWS), and the County of San Diego (County).

REPORT SUMMARY

The County is required on a yearly basis to account for the amount of habitat lost and gained within its jurisdiction. The Subarea Plan covers approximately 242,379 acres of land. The overall preservation goal of the County's Subarea Plan is expected to be approximately 98,379 acres of land. These and all subsequent numbers reflect the previous annexation of approximately 9,904 acres of land northwest of Otay Lakes Reservoir to the City of Chula Vista. This annexation was discussed in the MSCP 2001 Annual Report and included 2,889 acres of hardline preserve area.

The 98,379 acres of preserve will be comprised of land identified as hardline preserve areas or Pre-Approved Mitigation Areas (PAMA). Hardline Preserve areas include those areas defined as baseline preserve areas (see below) and areas within the Lake Hodges and South County Segments that were negotiated to be preserve land prior to or concurrently with the approval of the County of San Diego's MSCP Subarea Plan. The PAMA is comprised of approximately 57,500 acres of land within the Metro-Lakeside-Jamul Segment of the Subarea Plan. It will be necessary to acquire approximately 74 percent of the area defined as PAMA to enable the County to meet the requirement of 98,379 acres. The Implementing Agreement requires that the County purchase 9,425 acres as its share.

Prior to March 17, 1998, there were approximately 37,463.0 acres (Table 1) of land that were included in the Subarea Plan (Figure 1) as baseline preserve area. Table 1 provides information, by vegetation type, of the amount of each type of vegetation community preserved prior to implementation of the Subarea Plan. This baseline amount only includes land that was acquired within the Subarea by Federal, State, or Local jurisdictions.

The HabiTrak software developed by EDAW in cooperation with the USFWS, CDFG, City and County of San Diego provides a tool that allows the County and other participating agencies to readily determine whether compliance with the IA has been achieved. There are several metrics that HabiTrak measures to identify whether or not

compliance has been achieved. First, HabiTrak identifies the total amount of conservation (Table 2) that has occurred, this can be measured against the 98,379-acre conservation goal of the Subarea. Secondly, the IA requires that the County verify that conservation has occurred in “rough-step” with development (Table 3). Thirdly, HabiTrak can provide the amount of acreage that the County has purchased (Table 7) towards its 9,425-acre goal.

This report accounts for habitat lost and gained within the Subarea Plan associated with the following types of development projects between January 1 and December 31, 2002 (see below for types of covered projects).

The report also includes a discussion of management and monitoring programs and funding sources that are utilized by the County to meet its MSCP implementation obligations.

1. Private Projects (Tentative Maps/Tentative Parcel Maps) that have Final Map Approval.
2. Projects that have been issued Grading Permits.
3. Building Permits exempt from the Biological Mitigation Ordinance (BMO).
4. New agricultural clearing exempt from the BMO.
5. Lands acquired by the County or other governmental agency for Preservation Purposes.
6. Approved Mitigation Bank Lands with *at least* one credit utilized and Non-Approved Mitigation Banks.
7. Changes to MSCP preserve boundaries including major amendments and annexations.

The terms *gain* and *loss* will be used to describe habitat preserved (gain) and habitat developed or removed (loss). Habitat losses may also be referred to as *take* areas. Projects that are located in areas identified as *100 percent urban/developed* are not included in the HabiTrak analysis. The term urban/developed refers to land that has already been developed or disturbed by human activity. However, projects that consist of both urban and natural habitats are included in HabiTrak.

During the 2002 accounting period, a total of 1,694.8 acres of gain within the identified County MSCP preserve area and 1,061.5 acres of loss occurred within the County's Subarea (Table 2). In addition to the 1,694.8 acres of habitat gained, the County acquired an additional 828.9 acres of habitat via purchases and by securing open space easements in areas outside of the County's pre-approved mitigation/preserve areas. This additional amount does not presently count towards the County's MSCP conservation goals.

Since the inception of the MSCP, there have been 252.68 acres of gain in the minor amendment areas and 111.57 acres of loss. There have also been approximately 39.8 acres of loss and 1,907.0 acres of gain in major amendment areas. No major amendments were approved during the 2002 reporting period. In previous reporting

periods, two major amendments were approved, resulting in 37 acres of loss and 51 acres of gain. The majority of the projects that resulted in a loss in the amendment areas appear to be associated with ministerial building permits that bypass the current amendment process used with discretionary permits. Staff is in the process of further researching these projects and improving the methods used to request and track amendments. HabiTrak does not currently have the capacity to track loss and gain in amendment areas separately from other areas within the MSCP. Staff will be working with SANDAG and the Wildlife Agencies to update the HabiTrak tool and improve tracking of activities within amendment areas.

The IA identifies that the goal of the Subarea Plan is to create a 98,379-acre preserve across the entire MSCP Subarea. The Subarea Plan is comprised of three separate segments: Lake Hodges, South County, and Metro-Lakeside-Jamul.

The Lake Hodges and South County segments include hard-line preserve areas. The preserve areas within these two segments were determined through negotiations between several private property owners, the Wildlife Agencies, and the County prior to adoption of the MSCP. Preserve areas, with a few exceptions within the Metro-Lakeside-Jamul segment (Helix Land Company and USDRIP), of the County's MSCP are being assembled through project compliance with the California Environmental Quality Act (CEQA), the County's MSCP and the BMO or through acquisition by Local, State, or Federal government. Acquisitions will be obtained only from willing sellers.

Since the inception of the MSCP, the County and its partners have conserved through acquisition, dedication of easements and baseline preserve, 57,232.6 acres of land (Table 2). In addition to these 57,232.6 acres, land has been committed through the County MSCP Subarea Plan and will be dedicated in conformance with the Subarea Plan as development occurs.

Another 10,702.8 acres of land have been acquired outside the designated preserve boundaries. These additional lands, while within the Planning Area, are outside of the MSCP preserve boundary and will not count toward the County's 98,379-acre requirement. Based on their strategic locations, the County has considered applying for an amendment to the MSCP to include some of these areas in the MSCP preserve. Most notably these areas include lands adjacent to the Crestridge Mitigation Area and the Hollenbeck Canyon area of Daley Ranch.

METRO-LAKESIDE-JAMUL SEGMENT

Metro-Lakeside-Jamul (M-L-J) is the largest of the three segments. It covers approximately 172,952 acres of land, of which, 115,241 acres are considered natural and having habitat value. The preserve area planned for this segment will include approximately 44,764 acres of land. Within the M-L-J segment, the preserve will be assembled through land acquisition and specific mitigation requirements for individual projects. These projects must be consistent with the mitigation requirements set forth in the MSCP, the Subarea Plan, and the County's BMO.

The PAMA includes the major biological core and linkage areas in the M-L-J segment and therefore approximates the ultimate location of the Preserve for this area. Lands preserved outside of the PAMA will not be counted towards the County's preserve requirements unless the Wildlife Agencies and the County agree that such areas provide equivalent and acceptable Core and Linkage preserve values. As discussed above, portions of the Daley Ranch that were purchased around Hollenbeck Canyon could fit the criteria to be included within the preserve area.

The M-L-J Segment is divided for accounting purposes into a northern and southern section (Figures 2a – 2c). As of December 31, 2002, the Habitat Conservation Accounting Model (Table 3) identified approximately 21,044.87 acres of habitat preserved within Metro-Lakeside-Jamul segment. During the 2002 reporting period, 899.39 acres were preserved and 784.55 acres were lost. A Summary of Project Losses and Gains are included as Tables 4 and 5. As discussed above, the County is required to show that conservation of each vegetation type within the segment is proceeding in rough-step with development (Table 3). Conformance to rough-step can be determined by looking at the last column of Table 3. This column will include one of three symbols: a negative (-) sign indicates that conservation of the identified vegetation type is in rough-step; a positive (+) sign indicates that conservation is not in rough-step; and n/a indicates that conservation is not necessary or that the conservation goal has been achieved.

Based on Table 3, it can be shown that the County is in rough-step with 13 of the 14 vegetation types listed. The one vegetation type that appears not to be in rough-step is Oak Riparian Forest. Table 3 indicates that there was 0.41 acres of loss to this habitat type during the reporting period, while the maximum allowed loss was 0.36 acres. Staff has reviewed the projects that resulted in this impact and found that they were associated with Building Permits. Building Permits are considered for the most part a ministerial action that does not require environmental review and is also exempt from the BMO. These projects were found not to have a significant impact to the development of the preserve system and are to be covered by the County, State, and Federal requirement to fund the acquisition of 18,850 acres of preserve land. A total of 646.6 acres of Oak Riparian Forest have been preserved in the PAMA and 289.3 acres have been preserved outside of the PAMA. Of these acres, the County has acquired approximately 61 acres, the State has acquired 455 acres and the Federal government has acquired 39 acres. It should also be noted that site-specific vegetation maps are not required for building permits and that existing vegetation maps are not 100 percent accurate at the parcel level. Based on this it would be difficult to determine the specific impact of the Building Permit. Another issue is that revegetation of habitat may be required as mitigation for project impacts is not included in the annual report. The HabiTrak tool is not yet equipped to track revegetation plans.

CRITICAL BIOLOGICAL RESOURCES AND LINKAGES

During this reporting period (2002) the County acquired several parcels of land that were located within areas identified as critical biological resource and linkage areas defined in Section 4.2.2 and 4.2.3 of the MSCP Subarea Plan. Critical biological resource areas are defined as having high biological value and include locations of critical populations of target species. The acquisitions occurred within the Lakeside Archipelago, San Vicente Corridor/Iron Mountain and Wright's Field.

LAKE HODGES SEGMENT

The Lake Hodges segment (Figure 3) covers approximately 8,814 acres of mostly vacant land. The preservation goal for this segment will include approximately 4,589 acres of natural habitat exclusive of ruderal and disturbed habitats. This total includes all the areas to be placed within the preserve boundaries as negotiated prior to approval of the MSCP.

During the 2002 reporting period there were approximately 53.96 acres of preserve land conveyed to the County. Cumulatively (1997 to 2002), there have been 2,848.53 acres of preserve land conveyed in the Lake Hodges segment. In addition there are 128.06 acres of land acquired as open space outside the identified preserve area.

SOUTH COUNTY SEGMENT

The South County segment (Figure 4) covers 72,863 acres of land in the southwestern portion of the County. The preservation goal for this segment will include approximately 45,351 acres of natural habitat exclusive of ruderal and disturbed habitats. This total includes all the areas to be placed within the preserve boundaries as negotiated prior to approval of the MSCP.

During the 2002 reporting period 741.45 acres of preserve land was conveyed to the County. Cumulatively (1997 to 2002), there are 33,475.18 acres of preserve lands in the South County segment. Additionally there is another 1,012.05 acres of land that has been set aside that is not presently included in the preserve.

MITIGATION BANKS AND GOVERNMENT PURCHASES

MITIGATION BANKS

Since the adoption of the MSCP, several Mitigation Banks have been established in the County (Table 6). There are two types of mitigation banks found throughout the County: 1) Mitigation banks that are approved by the Wildlife Agencies, and 2) Mitigation banks that do not have formal approval from the Wildlife Agencies. In addition to a signed agreement, the only major difference between these two types of banks is that approved banks are considered entirely preserved when the first credits are purchased while the County only receives preservation credit at the time a conservation easement

has been approved within banks without agreements. Table 6 identifies the existing mitigation banks within the MSCP boundaries and the number of credits that have been utilized from each bank.

Public Mitigation banks include: The Lake Hodges Mitigation Bank (Walsh), the McGinty Mountain Preserve, the O'Neal Canyon Preserve Area, the San Vicente Boys and Girls Club -1, Rancho San Miguel, Crestridge, Marron Valley and the Rancho Jamul Mitigation Bank. Four mitigation banks within the MSCP are utilized by the Department of Public Works for public projects such as road improvements; these include the Singing Hills Mitigation Bank, the Sweetwater Mitigation Bank, the Rancho San Diego Conservation Area, and the Boden Canyon Bank.

GOVERNMENT PURCHASES

The Subarea Plan requires that the Governmental Agencies (Local, State, and Federal), acquire approximately 18,000 acres of land in the Metro-Lakeside-Jamul segment of the Subarea Plan. The goal for the County is to obtain approximately 9,425 acres of land. Table 7 and the paragraphs below depict the total amount of land acquired during this reporting and cumulatively for each governmental agency. Acquisition totals for Federal and State Agencies may have changed from the previous MSCP Annual Reports due to updates and correction of previous data.

FEDERAL PURCHASES

During 2002, the Federal Agencies, including the USFWS and the Bureau of Land Management, acquired 711.11 acres of land. Since the inception of MSCP, the Federal Agencies have contributed 6,781 acres of land.

STATE PURCHASES

During 2002, the CDFG and the Wildlife Conservation Board acquired 256.52 acres of land. Since the inception of MSCP, the State has contributed 14,251 acres of land.

COUNTY PURCHASES

County Land acquisitions for the 2002 calendar year within the MSCP totaled 891.19 acres and included land in the following locations: Iron Mountain – 716.50 acres, Lakeside – 58.26 acres, Wright's Field – 30.00 acres and Tijuana River Valley – 86.43. Since the inception of MSCP, the County has acquired 2,360.91 acres within the MSCP.

OTHER AREAS

There are several areas of land that were acquired by the County outside the MSCP Subarea. Most notable of these were 147.17 acres in Escondido Creek and 4.79 acres in Mt. Olympus.

AGRICULTURAL EXEMPTIONS

During 2002, no agricultural exemptions were issued in the County's MSCP Subarea. Cumulatively, the County has lost 36.07 acres of habitat to agricultural exemptions within the MSCP.

COUNTY MANAGEMENT AND MONITORING

The County is obligated to manage and monitor the habitat it acquires in conformance with IA sections 10.9 "Preserve Management" and 11.0 "Funding Responsibilities". The IA requires that the County prepare and submit to the Wildlife Agencies a Framework Management Plan (FMP) that incorporates the species-specific management actions set forth in Table 3-5 of the MSCP Plan and adaptive management strategies as is appropriate. The County is also responsible for providing a short- and long-term funding mechanism regarding the management and monitoring of habitat acquired in the MSCP. The County submitted a FMP for review to the Wildlife Agencies in August of 2001.

The County has also created specific management plans for several of the preserve sites. Until specific management plans (Area-Specific Management Directives) are approved for each of the preserve sites, the County has been providing basic stewardship of the County Open Space Preserves and some adaptive management activities in conformance with the FMP such as baseline surveys and exotic plant removal. Stewardship consists of regulating access through installation of gates and signs, patrolling, providing trail maintenance, removing litter, posting preserve boundaries, maintaining fire buffers, restoring off-road vehicle impact areas, closing of redundant trails in preparation of restoration as well as providing outreach materials to the general public. Stewardship requires the property owners take responsibility for the maintenance of the open space on private developments and on private mitigation banks, while monitoring or adaptive management becomes the responsibility of the County in most cases.

MANAGEMENT PLANS

In addition to the FMP, the County has approved management plans for several "hardline" preserve areas, including 4S Ranch, Starwood, Golem, McCrink Ranch, Maranatha and Bernardo Lakes within the Lake Hodges segment. These management plans have been written to be consistent with the County's draft FMP and to effectively establish the Area Specific Management Directives for these properties. They involve the submittal of an annual report on the standard of the management, which is reviewed by the County.

Funding measures to support adaptive management activities are included in all of these projects as "conditions of approval" with the exception of 4S Ranch. 4S Ranch provides "stewardship management" with right of entry for the County or its agents to carry out adaptive management activities.

The County is in partnership with the City of Chula Vista as the Preserve Owner Manager (POM) of the Otay Ranch preserve. Currently, there has been no transfer of fee title to the POM; therefore, the property owners are responsible for the stewardship management pursuant to the Otay Ranch Plan. Upon such time as fee title is deeded to the POM, the management requirements of the Resource Management Plan I and II will be followed. As development occurs on Otay Ranch, funds will be collected through the establishment of an assessment district that will support monitoring and management activities of the POM.

NCCP LOCAL ASSISTANCE GRANT FUNDING OF MSCP MANAGEMENT AND MONITORING

In 2002 there were nine ongoing management and monitoring efforts conducted in the MSCP Preserve that were funded by the CDFG through the Natural Communities Conservation Planning (NCCP) program local assistance grants. Of these nine efforts, four were completed and submitted final reports in the spring of 2002, two are scheduled to submit final reports in the spring of 2003, and three are scheduled to submit final reports in the spring of 2004. All four of the final reports due in 2002 are available to download from the MSCP portal at www.mscp-sandiego.org. As final and interim reports are approved by CDFG they will also be made available on the MSCP portal website.

A Habitat Management Plan (HMP) was prepared for the approximately 2,400-acre Crestridge Ecological Reserve owned and operated by CDFG. Biological surveys were conducted including sensitive plant surveys that focused on locating, mapping and estimating population sizes of MSCP covered species, as well as bird count surveys and pit-fall trapping for invertebrates. The HMP includes a discussion of conservation management goals and objectives and adaptive management implementation such as exotic plant control and fire management as well as public use enforcement. This task was completed in the spring of 2002 by the Conservation Biology Institute of San Diego through the Back Country Land Trust.

Campbell BioConsulting completed a comprehensive baseline survey of avifauna in the Lakeside Linkage of the M-L-J Segment of the MSCP Preserve. This survey involved avian point counts, including focused spot mapping for the California Gnatcatcher, and vegetation mapping of the two open space preserves located to the east and west of Los Coches Road north of Interstate-8. A total of nine bird species with special status were recorded as present on the study area, including six to eight home ranges for juvenile or adult California Gnatcatchers. Management recommendations for the two open space preserves are given in the final report including such actions as trail planning and minimization of edge effects in an urban setting. A final report was submitted to the County in spring of 2002.

County staff and consultants completed a report to assess two different multi-spectral digital imagery techniques for monitoring habitat quality over large reserve systems.

Several change detection analyses were performed on Airbourne Data Acquisition and Registration (ADAR) and satellite-based Landsat imagery that would show any major shift in land use or vegetation type. The results indicated that the scales and budget of any remote sensing biological monitoring research must dictate the type of platform used. Landsat, the inexpensive alternative, appears to be useful for rough scale or broad analysis of land use or change, while ADAR is ideally suited for site-specific quantitative analysis such as human generated disturbances like off-road activity. A final report was submitted to the County in spring of 2002.

County MSCP staff and their consultants, Fred Roberts, Fred Sproul, and KEA Environmental, Inc., performed sensitive plant surveys and vegetation mapping on various properties within the MSCP Preserve which were funded by two separate grants. The final report, datasets and maps of the first grant were submitted to CDFG in the spring of 2002. Forty-three species of rare plants were recorded as present on the preserve areas during the survey period. Four of these species are currently listed as endangered under the federal or state Endangered Species Acts: San Diego thornmint, Del Mar manzanita, willowy monardella and Dehesa beargrass. Thirty-eight of these species are listed within the California Native Plant Society's (CNPS) Inventory of Rare and Endangered Plants of California. Four additional species are considered locally rare: Buck's jewelflower, chocolate lily, sparse-flowered hesperevax and ashy spike moss. The final report, datasets and maps of the second grant were submitted to CDFG in the spring of 2003. Preliminary reports show nineteen species of rare plants were recorded as present on the preserve areas during the survey period. One species of those present, San Diego thornmint, is currently listed as endangered and eighteen of these species are listed by CNPS. Two additional species are considered locally rare: Buck's jewelflower and ashy spike moss.

A California Gnatcatcher distribution study was completed for the Lakeside-Linkage of the M-L-J Segment of the MSCP Preserve. This task involves banding juvenile gnatcatchers and examining their dispersal patterns. The primary goal of this project was to examine if there is dispersal of juveniles taking place across Interstate Highway 8. Preliminary results have shown juvenile gnatcatchers moving from the northern open space preserve area to the southern open space preserve area adjacent to the Interstate. The final report was submitted to the CDFG in June of 2003 and is under review.

The County has contracted with USGS to perform habitat surveys and population monitoring of bats. These studies include gathering baseline data on the presence, distribution and activity levels of bat species in MSCP/NCCP preserve areas, identifying significant roosts and foraging, recommending long-term monitoring sites, providing preliminary evaluation of the functionality of the MSCP preserve, and aiding the development of management plans for areas used by certain sensitive species deemed dependent on habitats in the preserve by providing data and making management recommendations. Preliminary reports have detected the presence of fifteen bat species in the study area including thirteen species listed as either California or Federal Species of Concern. Management recommendations put forth in the initial reports

include the protection of foraging sites that have a high diversity and abundance of habitat components such as open fresh water, riparian trees and native scrub and grasslands. The first-year interim report was submitted to CDFG in the spring of 2003.

The County has also contracted with USGS to perform habitat surveys and population monitoring of arroyo southwestern toads and Pacific pond turtles. These studies include presence/absence surveys for arroyo southwestern toad along riparian corridors identified as having the greatest potential of supporting populations and performing turtle trapping at appropriate sites to determine occurrence. Activities include generating a database, analyzing datasets, and producing reports that will include management recommendations based on findings in this study. Preliminary reports indicate the presence of arroyo toads at Marron Valley and Boden Canyon and the presence of pond turtles at 4S Ranch on Lusardi Creek, Los Penasquitos Creek in the Los Penasquitos Canyon Preserve and at the Sweetwater River at the Sycuan Peak Ecological Preserve. Management recommendations put forth in the initial reports include managing preserves to prevent or minimize disturbance to habitat from on-site activities, restricting access to essential areas, providing education and enforcement, and removal of non-native vegetation and aquatic species. The first-year interim report was submitted to CDFG in the spring of 2003.

The development of Area-Specific Management Directives for the County of San Diego, Department of Parks and Recreation's San Vicente property was combined with the development of a Fire Management Plan. The County has contracted with KTU&A Landscape Architecture and Planning and its sub-consultants, Gallegos & Associates and Merkel & Associates to perform these studies, including the preparation of Area-Specific Management Directives to address species and habitat management needs in a phased manner for logical and discrete areas. These studies also include species-specific management required in Table 3-5 based upon biological surveying for vertebrate species combined with previous vegetation datasets. An integrated Fire Management Plan will also be developed as part of this task. The first-year interim report was transmitted to CDFG in the spring of 2003.

COUNTY FUNDED MANAGEMENT ACTIVITIES

Using the augmented budget received in fiscal year 2001-02, the Department of Parks and Recreation was able to increase staff and support services to increase the overall efforts towards management and stewardship of the MSCP properties and open space preserves. This budget also enabled the Department to support these efforts through consultant contracts, and the acquisition of vehicles, fencing, surveys, gates, communication tools and GPS units.

The County of San Diego Department of Parks and Recreation hired Helix Environmental to prepare Area-Specific Management Directives and a Fire Management Plan for the Barnett Ranch Open Space Preserve. This task will include surveys for biological resources, recommendations for management and monitoring of

the site and identification of passive recreation opportunities. The final products are due June 2004.

The County of San Diego Department of Public Works hired the California Conservation Corps to remove *Arundo donax* from Harbison Canyon Creek. Between September 2002 and December 2002, *Arundo donax* was removed from a 5,500-foot reach of this creek from Old Ironsides County Park south.

QUINO CHECKERSPOT BUTTERFLY

The Quino checkerspot butterfly (*Euphydryas editha quino*) is federally listed as endangered. The County of San Diego has received a grant from the USFWS to prepare an amendment to the MSCP Subarea Plan that would result in this species being covered. The County is working towards coverage for this species in the Subarea Plan.

In 2002, the County entered into contracts with independent science advisors to gather input to address the potential for habitat enhancement through the creation of an experimental design to be performed in test areas, and to address the methods to perform surveys. The County will continue to conduct surveys and coordinate findings with the Wildlife Agencies and other stakeholders in anticipation of preparing an amendment to the MSCP for consideration by the Board of Supervisors in 2004. A draft document has been submitted to the County and is being reviewed by the stakeholders. The final product will be a document that comprises the basis for a management, enhancement and monitoring plan for the Quino checkerspot butterfly.

REGIONAL FUNDING SOURCE/COUNTY CONTRIBUTION

The County is responsible for acquiring private lands within the Multiple Habitat Planning Area (MHPA), and for funding MHPA management, monitoring and administrative costs. The MSCP Plan intends that funds to cover these local costs will be raised on a regional, countywide or MSCP area-wide basis.

There are two methods that the County can use to ensure its compliance with the funding obligations set forth in Section 11.2 of the IA that include short-term and long-term regional funding commitments.

In the short-term, prior to approval of a long-term regional financing mechanism, the County will seek financing for the acquisition of private lands within the MHPA. Prior to the establishment of a regional financing mechanism, the County agrees to fund or ensure the costs of managing and monitoring.

The County has responded to these funding requirements through approval of a two-year budget that includes the MSCP General Fund. The MSCP General Fund is based on fiscal year allocations. The County's fiscal year runs between July 1 and June 30

while the MSCP Annual Report is based on the calendar year, January 1 through December 31. The Board of Supervisors annually approves two-year budget strategies.

The County has approved a budget of \$6.0 million of General Fund allocations for MSCP in FY 01-02. This included \$2.7 million for land acquisition and \$3.3 million for management and monitoring. The County has also approved a budget of \$6.0 million of General Fund allocations for MSCP in FY 02-03, including \$2.7 million for land acquisition and \$3.3 million for management and monitoring. The County augments these monies with Federal and State Grant monies.

In 2002, the County was awarded \$663,000 in Federal NCCP planning funds to continue preparation of the North County MSCP Subarea Plan and to create a mammal atlas for the entire County of San Diego region.

The County continues to work with other participating jurisdictions and stakeholders to identify a regional funding source for the MSCP.

As of December 31, 2002, the County spent a total of approximately \$20.2 million of County General Fund and State Grant monies to acquire a total of 2,360.91 acres of land within the MSCP (Tables 8, 9, 10).

ENVIRONMENTAL EDUCATION AND OUTREACH

The MSCP Outreach Committee consists of members from the County Departments of Planning and Land Use, Parks and Recreation, Public Works and Environmental Health, the City of San Diego, USFWS, CDFG, Bureau of Land Management, and other stakeholders. The MSCP Outreach Committee's objectives include providing the public with information about the MSCP and educating young people about the importance of the environment and how it adds to their quality of life. Education programs that take place in the preserve provide a wonderful opportunity to experience nature firsthand.

The Committee meets once a month and publishes a quarterly newsletter, *MSCP News*, providing up-to-date information about the MSCP. The Committee was involved in many events throughout 2002, including:

- Earth Fair
- Various Earth Day beautification projects
- The MSCP 5th Anniversary Celebration
- The Discovery Kit Program at Louis A. Stelzer County Park
- Collaboration with The Environmental Trust in its Communities Alive in Nature Program for the second year at Calavera Nature Preserve with students of all ages
- An Earth Force Global Rivers Environmental Education Network (GREEN) Training
- Bonita Vista High School's GREEN curriculum and its involvement in riparian habitat restoration at Chula Vista Wetlands
- West Hills High School's Ranger Program
- Participation in the Sweetwater High School Wellness Fair

Other significant 2002 accomplishments include the debut of the MSCP Portal Website located at www.mscp-sandiego.org, which provides our customers with a variety of information related to the MSCP using state-of-the-art web technology. The MSCP also posted the "MSCP Biodiversity Website" highlighting vegetation communities and related species that exist in San Diego County including photos and handouts that can be downloaded by the public for their use.

MSCP MAP UPDATE

Concurrent with the reception of the 2002 MSCP Annual Report, the San Diego County Board of Supervisors is approving an updated County of San Diego MSCP Subarea Plan map. This map reflects annexations of County lands to incorporated areas such as the annexation of land in the Otay Ranch area to the City of Chula Vista and the annexation of three parcels to the City of La Mesa. Losses and gains in Major Amendment areas with amendments approved since the inception of the MSCP are also shown on this updated map. Technical improvements to the map include the consolidation of the multiple data layers for each MSCP category into one layer to reduce overlap and errors.

Table 1

Summary of Baseline Habitat Gains

Habitat Type	Target Conservation	Inside Habitat Preserve Planning Area	Outside Habitat Preserve Planning Area	Total
Coastal Sage Scrub	18,717	11,100.1	2,107.4	13,207.6
Chaparral	18,662	19,289.5	722.5	20,020.9
Southern Maritime Chaparral	5	5.7	23.1	28.8
Coastal Sage-Chaparral Scrub	1,152	173.3	17.6	190.9
Grassland	171	490.8	95.9	587.2
Freshwater Marsh	233	18.4	4.0	22.3
Riparian Forest	348	180.2	8.7	188.9
Oak Riparian Forest	2,192	183.4	66.4	249.8
Riparian Woodland	20	4.0	0.0	4.0
Riparian Scrub	383	39.0	11.1	51.3
Oak Woodland	2,211	298.6	40.1	338.7
Tecate Cypress Forest	5,589	5,243.1	0.1	5,243.2
Eucalyptus Woodland	105	16.4	4.1	20.5
Open Water	149	5.2	2.0	7.2
Disturbed Wetland	90	31.8	0.9	32.7
Natural Flood Channel	225	18.6	2.1	20.7
Shallow Bays		0.0	0.0	0.0
Disturbed Land	9	170.3	170.0	344.4
Agriculture		153.9	453.2	607.1
Urban/Developed		40.7	257.1	300.0
Grand Total*:		37,268.4	3,276.0	40,544.4

The Agriculture and Urban/Developed categories are included to account for all habitat types within a project and habitat preserve planning area.

* Totals do not include Agriculture and Urban/Developed categories.

Table 2
Summary of Habitat Losses and Gains
Period: 1 Jan – 31 Dec 2002

		Inside the Habitat Preserve Planning Area					Outside the Habitat Preserve				Total			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain		Habitat Loss		Habitat Gain	
Habitat Type	Target Cons.	Current Period	Cum-ulative	Current Period	Cum-ulative	Cons. To Date %	Current Period	Cum-ulative	Current Period	Cum-ulative	Current Period	Cum-ulative	Current Period	Cum-ulative
Coastal Sage Scrub	42,873	96.4	298.0	790.3	20,832.1	48.6	257.5	818.1	121.6	4,471.4	353.8	1,116.1	911.8	25,303.5
Chaparral	39,871	44.6	110.2	576.5	26,449.5	66.3	231.5	1,391.5	453.6	2,441.8	276.1	1,501.7	1,030.1	28,891.3
Southern Maritime Chaparral	5	1.8	1.8	0.0	5.7	114.1	1.5	4.8	0.0	23.6	3.3	6.6	0.0	29.3
Coastal Sage-Chap. Scrub	1,325	4.6	5.3	0.0	733.0	55.3	5.9	57.5	0.0	476.4	10.5	62.8	0.0	1,209.5
Grassland	3,171	9.6	29.7	75.0	1,241.1	39.1	170.4	622.3	111.6	716.8	180.0	652.0	186.6	1,957.9
Freshwater Marsh	233	0.0	0.2	2.5	53.8	23.1	0.9	3.2	0.0	25.0	0.9	3.4	2.5	78.8
Riparian Forest	348	0.0	0.0	7.6	225.2	64.7	0.0	1.3	0.3	50.8	0.0	1.3	7.9	276.0
Oak Riparian Forest	2,192	0.3	4.5	2.0	646.6	29.5	0.1	20.2	17.2	289.3	0.4	24.7	19.3	935.9
Riparian Woodland	20	0.0	0.0	0.0	10.7	53.3	0.0	0.0	6.5	6.5	0.0	0.0	6.5	17.1
Riparian Scrub	383	0.0	0.2	27.5	92.3	24.1	0.9	11.6	1.5	34.9	0.9	11.7	28.9	127.2
Oak Woodland	2,211	3.8	7.8	4.9	620.1	28.0	6.8	24.9	6.8	145.7	10.7	32.7	11.7	765.8
Tecate Cypress Forest	5,589	0.0	0.0	170.2	5,413.2	96.9	0.0	0.0	0.0	0.1	0.0	0.0	170.2	5,413.4
Eucalyptus Woodland	105	0.5	4.3	0.0	30.9	29.5	1.4	95.3	3.7	10.5	1.9	99.6	3.7	41.4
Open Water	149	0.0	0.0	0.0	8.0	5.3	0.0	5.6	0.0	4.5	0.0	5.6	0.0	12.4
Disturbed Wetland	90	0.0	0.0	0.0	71.9	79.8	0.2	15.5	0.0	19.4	0.2	15.5	0.0	91.2
Natural Flood channel	225	0.0	0.0	2.9	28.5	12.7	0.0	0.0	0.0	4.8	0.0	0.0	2.9	33.4
Disturbed Land	9	9.1	33.0	17.3	316.7	3,518.7	62.8	407.4	0.0	207.9	71.9	440.4	17.3	524.6
Agriculture		28.8	54.9	18.3	453.3	0.0	122.1	557.5	106.1	1,773.4	150.9	612.4	124.4	2,226.7
Urban/Developed		2.3	32.9	0.1	61.3	0.0	123.3	1,192.9	2.6	399.6	125.6	1,225.9	2.7	460.8
Grand Total:		201.7	582.9	1,694.9	57,293.9		985.4	5,229.6	831.5	11,102.4	1,187.1	5,812.6	2,526.4	68,396.3

The Agriculture and Urban/Developed category is included to account for all land included within a project and habitat preserve planning area.

Table 3
Habitat Conservation Accounting Model
Period: 1 Jan - 31 Dec 2002

Habitat Type	Total Subarea	Conservation Target	Estimated Take	Conservation Ratio	Cumulative Cons. Inside Habitat Preserve	Max. Allowable Impacts for Current Year	Actual Loss Inside Habitat Preserve for Current Year	+ or – Max. Allowable Impacts
Coastal Sage Scrub	23,569	18,717	4,852	3.86	8,506.46	2,469.81	208.01	-
Chaparral	22,179	18,662	3,517	5.31	9,095.63	1,894.43	237.77	-
Coastal Sage-Chaparral Scrub	1,366	1,152	214	5.38	676.29	134.47	5.25	-
Grassland	2,145	1,741	404	4.31	838.91	215.60	26.66	-
Freshwater Marsh	15	15	0	0.00	6.76	0.00	0.00	-
Riparian Forest	84	84	0	0.00	40.56	0.00	0.00	-
Oak Riparian Forest	2,044	2,043	1	2,043.00	586.18	0.36	0.41	+
Riparian Woodland	6	6	0	0.00	4.03	0.00	0.00	-
Riparian Scrub	298	298	0	0.00	37.08	0.00	0.00	-
Oak Woodland	2,355	1,912	443	4.32	582.23	165.71	10.67	-
Eucalyptus Woodland	53	41	12	3.42	12.95	4.61	0.55	-
Open Water	124	124	0	0.00	0.95	0.00	0.00	-
Disturbed Wetland	52	52	0	0.00	46.81	0.00	0.00	-
Natural Flood channel	197	197	0	0.00	11.42	0.00	0.00	-
Disturbed Land	1,259	0	1,259	0.00	160.22	0.00	43.49	n/a
Agriculture	1,608	0	1,608	0.00	418.05	0.00	127.75	n/a
Urban/Developed	0	0	0	0.00	20.35	0.00	124.08	n/a
Grand Total:					21,044.87		784.64	

The Agriculture and Urban/Developed category is included to account for all land included within a project and habitat preserve planning area.

Summary of Project Losses

2002 Annual Report

Start Date: 1 January 2002

End Date: 31 December 2002

Duration in days: 365

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0291	4s Ranch Neighborhood 2	4s Ranch	1/1/02	Single-Family Residential	Yes	0.86
02-0177	BP Dethlefsen	Dethlefsen, Rolf	12/18/02	Single-Family Residential	Yes	0.36
02-0159	BP Preston	Preston, John	7/26/02	Agriculture	Yes	0.62
02-0136	BP Prior	Prior, Kevin	1/15/02	Single-Family Residential	Yes	1.85
02-0190	BP Union Bank	Union Bank of California	10/3/02	Commercial	No	0.50
02-0019	Cielo Ridge	Bailey, John	7/9/02	Single-Family Residential	Yes	13.12
02-0260	GP Hood	Hood Family Trust	3/26/02	Single-Family Residential	Yes	2.47
02-0310	MUP Santa Fe Valley Wastewater Treatment Plant	County of San Diego	1/1/02	Transportation, Communication, Utili	No	1.66
02-0142	PM 14510	4s Kelwood Development Co., LLC	12/13/02	Single-Family Residential	Yes	101.49
02-0018	Rancho Cielo de Lusardi	Lusardi, Warner	7/9/02	Single-Family Residential	Yes	23.45
02-0307	Rancho Santa Fe Fire Station	Rancho Santa Fe Fire Protection	1/1/02	Institutional	Yes	1.65
02-0002	TM 14351	Starwood Capital Group, LLC	3/6/02	Golf Course	Yes	207.87
02-0017	TM 14459	Starwood-Santa Fe Valley Partners	9/20/02	Mixed Use	No	21.90
02-0304	TPM Pinder	Security Title Insurance	1/1/02	Single-Family Residential	No	6.03
Total for: Lake Hodges						383.83
02-0312	AD Shega	Shega, John	1/1/02		No	1.21
02-0293	Adlai Ranch Estates	Adlai Investors	1/1/02	Single-Family Residential	Yes	1.79
02-0294	Airtouch Site	Airtouch	1/1/02	Transportation, Communication, Utili	Yes	0.31

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0179	BP Alahmad	Alahmad, Tarik	10/1/02	Single-Family Residential	No	0.14
02-0180	BP Alahmad 2	Alahmad, Tarik	10/1/02	Single-Family Residential	No	0.17
02-0162	BP Anderson	Anderson, Ronald	3/29/02	Single-Family Residential	No	0.21
02-0235	BP Archer	Archer, Jerry	1/28/02	Single-Family Residential	No	1.83
02-0218	BP Christensen	Christensen, Thomas	5/30/02	Single-Family Residential	No	1.78
02-0121	BP Converse	Converse, Roger	10/25/02	Mobile Homes	Yes	0.27
02-0160	BP Deguzman	Deguzman, Kevin	7/26/02	Single-Family Residential	Yes	0.55
02-0178	BP DelBianco	DelBianco, Bruno	7/29/02	Single-Family Residential	No	0.83
02-0250	BP El Capitan Stadium	Cingular Wireless	4/17/02	Transportation, Communication, Utili	No	8.01
02-0221	BP Emmons	Emmons, Mike	3/20/02	Single-Family Residential	Yes	1.62
02-0192	BP Hanusch	Hanusch, Andrew	5/7/02	Single-Family Residential	No	1.60
02-0113	BP Hofstee	Hofstee, Frank	10/8/02	Single-Family Residential	No	0.14
02-0249	BP JDF Associates	JDF Associates	5/24/02	Single-Family Residential	No	0.49
02-0111	BP Johnson	Johnson, Dave	11/15/02	Single-Family Residential	No	1.04
02-0181	BP Kaufman	Kaufman, Ralph	9/26/02	Single-Family Residential	Yes	2.02
02-0233	BP Leffler	Leffler, Diane	3/4/02	Single-Family Residential	Yes	3.48
02-0191	BP Lockyer	Lockyer, Mark	3/22/02	Single-Family Residential	Yes	0.84
02-0219	BP Major	Major, Ray	6/2/02	Single-Family Residential	No	2.11
02-0193	BP Matsui	Matsui, Tetsuo	9/10/02	Single-Family Residential	No	1.93
02-0234	BP McGinley	McGinley, Michael	3/1/02	Single-Family Residential	No	1.39
02-0196	BP McIntosh	McIntosh, Timothy	6/12/02	Single-Family Residential	No	0.11
02-0231	BP Miller	Miller, Richard	3/29/02	Single-Family Residential	No	2.08
02-0118	BP Moller	Moller Family Trust	10/14/02	Other	No	0.17
02-0194	BP Nextel	Nextel	5/2/02	Transportation, Communication, Utili	No	0.32

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0110	BP Nunnally	Nunnally, Jim	11/26/02	Single-Family Residential	Yes	1.65
02-0133	BP Osborne	Osborne, Robert	5/17/02	Single-Family Residential	Yes	3.38
02-0251	BP Putrus	Putrus, Amier	2/28/02	Single-Family Residential	Yes	2.76
02-0220	BP Rice	Rice, Bill	6/19/02	Single-Family Residential	Yes	1.26
02-0252	BP Schweer	Schweer, Larry	7/3/02	Single-Family Residential	No	0.49
02-0135	BP Shohara	Shohara, James	1/7/02	Single-Family Residential	No	1.17
02-0195	BP Silverthorn	Silverthorn, Greg	9/24/02	Single-Family Residential	No	0.34
02-0217	BP South Coast Equities	South Coast Equities, Inc.	5/31/02	Mobile Homes	Yes	1.17
02-0127	BP Sprint	Sprint	1/22/02	Transportation, Communication, Utili	No	0.19
02-0198	BP Stacey	Stacey, Richard	4/4/02	Single-Family Residential	No	0.44
02-0161	BP Strictler	Strictler, Bob	8/22/02	Single-Family Residential	Yes	1.64
02-0165	BP Swanson	Swanson, Ronald	7/17/02	Single-Family Residential	No	1.10
02-0164	BP Tarver	Tarver, Roger	7/25/02	Mobile Homes	No	0.53
02-0125	BP Vaughan	Vaughan, John	11/7/02	Single-Family Residential	No	2.17
02-0236	BP Wall	Wall, Thomas	3/19/02	Single-Family Residential	No	0.47
02-0132	BP Wilson	Wilson, Brian	1/4/02	Single-Family Residential	No	1.16
02-0232	BP Winkelman	Winkelman, Stuart	2/6/02	Single-Family Residential	No	1.33
02-0167	BP Yaryan	Yaryan, Delmar	7/19/02	Single-Family Residential	No	1.13
02-0297	Church of Nativity School	Church of Nativity School	1/1/02	Education	No	8.56
02-0062	COI Avery	Avery, David	4/19/02	Single-Family Residential	No	4.67
02-0064	COI Balderrama	Balderrama	3/11/02	Single-Family Residential	No	2.16
02-0055	COI Benke	Benke, Jon	5/28/02	Single-Family Residential	Yes	1.62
02-0067	COI Bothof	Bothof, Robert	7/19/02	Single-Family Residential	No	1.66
02-0146	COI Bradley 2	Bradley Homes	1/25/02	Single-Family Residential	Yes	0.32

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0145	COI Bradley Homes	Bradley Homes	1/25/02	Single-Family Residential	Yes	0.55
02-0081	COI Brent	Brent	10/16/02	Single-Family Residential	No	1.81
02-0083	COI Brown	Brown, G.M.	11/15/02	Single-Family Residential	No	1.19
02-0014	COI Cameo Classics	Cameo Classics	8/29/02	Single-Family Residential	No	13.22
02-0148	COI Courson	Courson, Mike	8/7/02	Single-Family Residential	No	1.55
02-0107	COI Cunning GP	Cunning, Timothy	9/23/02	Single-Family Residential	No	1.96
02-0065	COI Dawson	Dawson, David	3/28/02	Single-Family Residential	No	1.24
02-0071	COI Dillard	Dillard	5/3/02	Single-Family Residential	No	1.07
02-0074	COI Donte	Donte Unlimited	3/28/02	Single-Family Residential	No	1.15
02-0058	COI Eagle	Eagle, Juanita	8/21/02	Single-Family Residential	No	1.41
02-0053	COI Farrow	Farrow, Kevin	1/18/02	Single-Family Residential	No	1.95
02-0061	COI Fisher	Fisher, Mitch	7/1/02	Single-Family Residential	No	2.77
02-0139	COI Godden	Godden, Carl	12/23/02	Single-Family Residential	Yes	1.62
02-0103	COI Jammo	Jammo, Bishop	11/26/02	Single-Family Residential	No	3.13
02-0102	COI Kabellis	Kabellis Family Trust	11/26/02	Single-Family Residential	No	2.06
02-0059	COI Libri	Libri Partners	4/22/02	Single-Family Residential	No	4.36
02-0073	COI Lomax	Lomax	9/16/02	Single-Family Residential	No	2.00
02-0082	COI Markwell	Markwell	10/25/02	Single-Family Residential	No	1.49
02-0075	COI McLean	McLean Family Trust	7/16/02	Single-Family Residential	No	2.27
02-0056	COI Murray	Murray, David	1/8/02	Single-Family Residential	No	4.45
02-0144	COI O'Dell	O'Dell, Ray	8/14/02	Single-Family Residential	No	1.17
02-0023	COI Pajonk	Pajonk, Walter	10/8/02	Single-Family Residential	Yes	10.03
02-0084	COI Patton	Patton Ventures	10/30/02	Single-Family Residential	Yes	2.07
02-0072	COI Performance Properties	Performance Properties Inc.	8/14/02	Single-Family Residential	No	2.34

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0015	COI Rancourt	Rancourt	8/20/02	Single-Family Residential	No	0.91
02-0060	COI Reid	Reid, Susan	8/21/02	Single-Family Residential	No	0.60
02-0054	COI Richardson	Richardson, Bryan	5/3/02	Single-Family Residential	No	3.71
02-0057	COI Sanchez-Garcia	Garcia, Noe	8/14/02	Single-Family Residential	No	2.54
02-0013	COI Sarkisian	Sarkisian	8/23/02	Single-Family Residential	No	2.93
02-0012	COI Shapiro	Shapiro, Louis	8/20/02	Single-Family Residential	No	4.57
02-0063	COI Stroman	Stroman, Matt	6/24/02	Single-Family Residential	No	1.69
02-0066	COI Turner	Turner	9/25/02	Single-Family Residential	No	2.47
02-0068	COI Yono	Yono, Amber	7/25/02	Single-Family Residential	No	1.66
02-0267	GP Alpine Christian Fellowship	Alpine Christian Fellowship	7/5/02	Single-Family Residential	No	8.46
02-0269	GP Christoph	Christoph, Sibyll	9/27/02	Single-Family Residential	No	2.69
02-0270	GP Christoph 2	Christoph, Sibyll	9/27/02	Single-Family Residential	No	2.76
02-0024	GP Cohen SFR	Cohen, Garry	2/15/02	Single-Family Residential	Yes	0.55
02-0031	GP Craftsman	Craftsman Group LLC	2/15/02	Single-Family Residential	Yes	1.18
02-0259	GP Dowling	Dowling, Carole	12/13/02	Single-Family Residential	No	1.25
02-0271	GP Gonya	Gonya Enterprises	11/12/02	Single-Family Residential	No	1.82
02-0115	GP Mattix	Mattix	11/20/02	Single-Family Residential	No	0.84
02-0022	GP McGrew SFR	McGrew	4/5/02	Single-Family Residential	No	3.84
02-0265	GP Mellien	Mellien, Richard	12/19/02	Single-Family Residential	No	1.64
02-0257	GP Minis Tirith LLC	Minis Tirith LLC	3/21/02	Single-Family Residential	No	2.96
02-0258	GP Minis Tirith LLC 2	Minis Tirith LLC	3/21/02	Single-Family Residential	Yes	6.57
02-0272	GP Performance Properites	Performance Properites	10/9/02	Single-Family Residential	No	1.08
02-0273	GP Perry	Perry, Bryon	11/4/02	Single-Family Residential	Yes	9.58
02-0030	GP Proffer	Proffer, William	6/26/02	Single-Family Residential	Yes	0.83

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0266	GP Ringer	Ringer, Kenneth	11/1/02	Single-Family Residential	Yes	1.75
02-0261	GP Weiss	Weiss, Marc	6/7/02	Single-Family Residential	No	1.55
02-0263	GP Westside Knolls LP	Westside Knolls LP	8/29/02	Single-Family Residential	No	3.67
02-0302	MUP Horizon Christian Fellowship	Horizon Christian Fellowship	1/1/02	Single-Family Residential	No	8.45
02-0292	MUP Touch from Above Ministries	A Touch from Above Ministries	11/13/02	Other	No	0.60
02-0141	PM 14503	Sheila Investors	12/10/02	Single-Family Residential	No	3.59
02-0108	PM 19095	Metzler, Donald	11/8/02	Single-Family Residential	Yes	13.58
02-0001	TM 14343	Kennedy Development of California, LLC	2/13/02	Single-Family Residential	Yes	21.34
02-0002	TM 14351	Starwood Capital Group, LLC	3/6/02	Golf Course	Yes	0.76
02-0003	TM 14352	REI	3/6/02	Single-Family Residential	No	54.32
02-0004	TM 14353	Blossom Valley LP	3/7/02	Single-Family Residential	Yes	49.18
02-0005	TM 14354	Blossom Valley LP	3/7/02	Single-Family Residential	Yes	32.90
02-0010	TM 18999	Fenton, Justin	6/19/02	Single-Family Residential	Yes	33.61
02-0305	TM Pinery East	NTC Developments	6/30/02	Single-Family Residential	No	3.60
02-0289	TPM Quisenberry Family	Quisenberry Family Trust	1/1/02	Transportation, Communication, Utili	Yes	0.19
02-0308	TPM Rojas	Rojas Family Trust	10/27/02	Single-Family Residential	No	2.97
02-0309	TPM Samthers	Delbianco, Bruno	1/1/02	Single-Family Residential	No	7.47
Total for: North Metro-Lakeside-Jamul						451.33
02-0239	BP Cingular Wireless	Cingular Wireless	2/8/02	Commercial	No	0.16
02-0212	BP Nelson	Nelson, Merrill	9/24/02	Single-Family Residential	Yes	0.09
02-0287	GP Burke	Burke, J.	9/27/02	Single-Family Residential	No	8.99
02-0288	MUP McGraw-Hill	McGraw-Hill Broadcasting	6/30/02	Transportation, Communication, Utili	Yes	0.64
02-0311	MUP Sweetwater Seniors	Sweetwater Seniors LLC	1/1/02	Multi-Family Residential	No	2.43

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0313	MUP The Point Apartments	Point SDMU LP	1/25/02	Multi-Family Residential	Yes	6.29
Total for: South County						18.60
02-0169	BP 1004 20020486	Williams, Ronald	8/1/02	Single-Family Residential	No	0.38
02-0170	BP 1004-20020843	509-010-42	12/11/02	Single-Family Residential	Yes	0.18
02-0147	BP 102120000277	Mueller, Donald	6/30/02	Single-Family Residential	No	0.10
02-0114	BP 1026-20020422	Pharr, Steven	9/26/02	Single-Family Residential	No	1.00
02-0228	BP Adam	Adam, Ron	3/27/02	Single-Family Residential	No	1.68
02-0109	BP Albert	Albert, Gary	11/22/02	Single-Family Residential	No	0.97
02-0122	BP Allen	Allen, Michael	10/29/02	Single-Family Residential	No	1.09
02-0172	BP Allenson	Allenson, Michael	9/10/02	Single-Family Residential	Yes	1.17
02-0255	BP Azevedo	Azevedo, John	5/30/02	Single-Family Residential	No	0.19
02-0188	BP Ball	Ball, Maurice	10/10/02	Single-Family Residential	Yes	1.14
02-0168	BP Barno	Barno, Noel	12/17/02	Single-Family Residential	No	0.96
02-0129	BP Bennett	Bennett, David	12/2/02	Single-Family Residential	No	0.22
02-0134	BP BMG Investments	BMG Investments LLC	1/15/02	Single-Family Residential	No	0.15
02-0189	BP Braunlich	Braunlich, Frank	9/4/02	Single-Family Residential	No	1.00
02-0244	BP Burnworth	Burnworth, Scott	2/4/02	Single-Family Residential	No	1.81
02-0223	BP Canyon View Estates	Canyon View Estates 2002 LLC	5/30/02	Single-Family Residential	Yes	0.24
02-0224	BP Canyon View Estates 2	Canyon View Estates 2002 LLC	5/30/02	Single-Family Residential	Yes	0.32
02-0225	BP Canyon View Estates 3	Canyon View Estates 2002 LLC	5/30/02	Single-Family Residential	Yes	1.51
02-0226	BP Canyon View Estates 4	Canyon View Estates 2002 LLC	5/30/02	Single-Family Residential	Yes	1.38
02-0227	BP Canyon View Estates 5	Canyon View Estates 2002 LLC	5/30/02	Single-Family Residential	Yes	0.63
02-0243	BP Chaldean	Catholic Church of the Chaldean	3/20/02	Institutional	No	4.91

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0239	BP Cingular Wireless	Cingular Wireless	2/8/02	Commercial	No	3.25
02-0238	BP Clark	Clark, Erin	3/12/02	Single-Family Residential	No	0.15
02-0199	BP Coita	Coita, Thomas	3/2/02	Single-Family Residential	No	1.08
02-0175	BP Delta Construction	Delta Construction	12/11/02	Single-Family Residential	No	0.21
02-0117	BP Diem	Diem, David	11/12/02	Single-Family Residential	No	0.87
02-0204	BP Dillard	Dillard, Steve	4/4/02	Single-Family Residential	Yes	0.72
02-0246	BP Duda	Duda, Darren	2/13/02	Single-Family Residential	No	0.49
02-0174	BP Eichner	Eichner, Douglas	6/13/02	Agriculture	No	0.31
02-0229	BP Estes	Estes, James	6/10/02	Single-Family Residential	No	0.49
02-0197	BP Evans	Evans Trust	6/12/02	Single-Family Residential	No	0.22
02-0120	BP Foster	Foster, Jerry	10/23/02	Single-Family Residential	No	2.18
02-0128	BP Gaps Trust	Saflar, Gale	9/12/02	Single-Family Residential	Yes	1.20
02-0245	BP General Estates	General Estates Inc.	2/27/02	Single-Family Residential	No	0.42
02-0200	BP Gonya	Gonya, Paul	6/25/02	Single-Family Residential	No	0.95
02-0203	BP Green	Green, Daniel	4/3/02	Single-Family Residential	No	1.40
02-0171	BP Hobbs	Hobbs, Bobbi	2/23/02	Mobile Homes	Yes	1.19
02-0205	BP Holmes	Holmes, Daryl	9/10/02	Single-Family Residential	Yes	0.48
02-0230	BP Holmes	Holmes, Thomas	3/19/02	Single-Family Residential	No	3.83
02-0184	BP Holt	Holt, William	6/5/02	Agriculture	No	0.19
02-0254	BP Judish	Judish, Thomas	4/12/02	Single-Family Residential	No	0.18
02-0209	BP Katzenmeyer	Katzenmeyer, John	4/22/02	Single-Family Residential	Yes	0.74
02-0214	BP Lawson	Lawson, Michael	5/16/02	Single-Family Residential	No	1.25
02-0247	BP Leon	Leon, Carlos	2/26/02	Single-Family Residential	No	1.46
02-0124	BP Little	Little, Dave	12/5/02	Single-Family Residential	No	0.22

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0237	BP Maloney	Maloney Family Trust	2/14/02	Single-Family Residential	No	0.98
02-0202	BP Manville	Manville, Nelson	4/9/02	Single-Family Residential	No	0.91
02-0207	BP Mascarenas	Mascarenas, Thomas	6/6/02	Single-Family Residential	No	1.55
02-0213	BP Matalon	Matalon, Andy	9/3/02	Single-Family Residential	Yes	2.29
02-0242	BP McColl	McColl, Peter	3/2/02	Single-Family Residential	No	3.20
02-0216	BP McGinnis	McGinnis, Carol	6/11/02	Single-Family Residential	No	5.04
02-0119	BP McManus	McManus, Randall	9/16/02	Other	No	0.10
02-0183	BP McNeil	McNeil, Harold	5/15/02	Single-Family Residential	Yes	0.14
02-0208	BP Moya	Moya, Gilbert	3/6/02	Single-Family Residential	No	1.40
02-0212	BP Nelson	Nelson, Merrill	9/24/02	Single-Family Residential	Yes	0.98
02-0253	BP Nugent	Nugent, John	7/5/02	Single-Family Residential	No	0.21
02-0240	BP Olsen	Olsen, Eric	2/7/02	Single-Family Residential	Yes	2.10
02-0131	BP Payne	Payne Family Trust	1/4/02	Commercial	No	0.66
02-0201	BP Porter	Porter, Steven	5/2/02	Single-Family Residential	No	0.97
02-0126	BP Serrano	Serrano, Jose	11/1/02	Single-Family Residential	No	2.17
02-0176	BP Shoemaker	Shoemaker, Joe	6/13/02	Single-Family Residential	No	1.49
02-0186	BP SHV	SHV	10/4/02	Single-Family Residential	Yes	0.46
02-0206	BP SHV	SHV, LLC	6/4/02	Single-Family Residential	Yes	1.37
02-0248	BP Smith	Smith, Steven	3/28/02	Single-Family Residential	No	0.42
02-0187	BP Snell	Snell, Peter	8/30/02	Single-Family Residential	Yes	0.98
02-0211	BP Stathas	Stathas, Gary	5/3/02	Single-Family Residential	No	0.68
02-0256	BP Stevens	Stevens, Bruce	5/20/02	Single-Family Residential	No	1.88
02-0241	BP Thompson	Thompson, Mark	2/21/02	Single-Family Residential	No	1.58
02-0210	BP Valentine	Valentine, Noreen	6/10/02	Single-Family Residential	No	0.69

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0123	BP Waitley	Waitley, David	12/4/02	Single-Family Residential	No	1.59
02-0222	BP Wiederkehr	Wiederkehr, John	5/30/02	Single-Family Residential	Yes	1.98
02-0116	BP Young	Young, Doug	11/20/02	Mobile Homes	Yes	1.88
02-0173	BP Yousif	Yousif, Layla	8/19/02	Single-Family Residential	No	0.11
02-0215	BP Zaiser	Zaiser, William	9/24/02	Transportation, Communication, Utili	No	0.62
02-0156	COI Abdulmeseleh	Abdulmeseleh, Saieb	8/19/02	Single-Family Residential	No	0.15
02-0100	COI AIV Homes 1	AIV Homes	11/18/02	Single-Family Residential	No	4.96
02-0101	COI AIV Homes 2	AIV Homes	11/26/02	Single-Family Residential	No	5.08
02-0154	COI Barrett	Barrett Family Trust	8/29/02	Single-Family Residential	No	1.79
02-0104	COI Beatty	Beatty, Rusty	8/23/02	Single-Family Residential	No	5.08
02-0094	COI Bullock	Bullock, Robert	8/23/02	Single-Family Residential	No	5.08
02-0157	COI Burley	Burley, Ernest	6/21/02	Single-Family Residential	No	1.34
02-0130	COI Clapp	Clapp, William	12/11/02	Single-Family Residential	Yes	2.12
02-0088	COI Comer	Comer, Stephen	9/30/02	Single-Family Residential	No	2.90
02-0137	COI Cooper	Cooper, Carl	12/24/02	Single-Family Residential	Yes	1.76
02-0087	COI Cox	Cox, Douglas	10/21/02	Single-Family Residential	No	1.37
02-0089	COI Davis	Davis, Bob	9/27/02	Single-Family Residential	No	5.38
02-0050	COI Distinctive Homes	Distinctive Homes 1 LLC	4/22/02	Single-Family Residential	No	0.23
02-0152	COI Dorsey	Dorsey, Thomas	8/21/02	Single-Family Residential	No	0.59
02-0105	COI Doscher	Doscher	4/5/02	Single-Family Residential	No	1.10
02-0153	COI Fernandes	Fernandes, Richard	2/5/02	Single-Family Residential	Yes	1.33
02-0076	COI Frank	Frank, Roy	8/14/02	Single-Family Residential	No	2.52
02-0078	COI Fraser	Fraser, Charles	9/30/02	Single-Family Residential	No	2.05
02-0021	COI Grehada	Grehada	5/28/02	Single-Family Residential	No	1.13

Table 4, Page 10 of 14

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0093	COI Habib	Habib, Amir	10/2/02	Single-Family Residential	No	1.06
02-0158	COI Hurley	Hurley, Thomas	8/14/02	Single-Family Residential	No	0.99
02-0080	COI Irace	Irace, Michael	6/26/02	Single-Family Residential	No	1.62
02-0151	COI Kaiser	Kaiser Permanente	8/13/02	Institutional	No	5.34
02-0138	COI Kauffman	Kauffman	12/24/02	Single-Family Residential	Yes	1.39
02-0098	COI Licatini	Licatini, Matteo	11/26/02	Single-Family Residential	Yes	2.28
02-0140	COI Maasch	Maasch, David	1/7/02	Single-Family Residential	No	1.17
02-0046	COI Mady	Mady, James	2/21/02	Single-Family Residential	No	0.99
02-0085	COI Marchand	Marchand, Robert	11/12/02	Single-Family Residential	No	1.85
02-0150	COI McClure	McClure, Larry	8/22/02	Single-Family Residential	No	1.38
02-0091	COI Merten	Merten	6/12/02	Single-Family Residential	No	0.93
02-0070	COI Milner	Milner, Randall	3/20/02	Single-Family Residential	No	0.76
02-0099	COI Murolo	Murolo	11/18/02	Single-Family Residential	No	1.89
02-0034	COI Neirinck	Neirinck	2/7/02	Single-Family Residential	Yes	1.63
02-0096	COI Neirinckx	Neirinckx, Daniel	6/12/02	Single-Family Residential	No	3.60
02-0079	COI Ottonello	Ottonello, Todd	5/3/02	Single-Family Residential	No	2.04
02-0069	COI Peterson	Peterson Family Trust	4/26/02	Single-Family Residential	Yes	1.17
02-0090	COI Radovich	Radovich, Michael	2/7/02	Single-Family Residential	No	0.80
02-0092	COI Ray	Ray	3/28/02	Single-Family Residential	No	1.04
02-0086	COI Rodriguez	Rodriguez, Jose	10/25/02	Single-Family Residential	Yes	1.55
02-0077	COI Somo	Somo	3/28/02	Single-Family Residential	No	0.88
02-0020	COI Statley	Statley	4/10/02	Single-Family Residential	Yes	2.91
02-0095	COI Tipton	Tipton, John	11/15/02	Single-Family Residential	No	4.68
02-0155	COI VanWinkle	VanWinkle, Carl	8/19/02	Mobile Homes	Yes	0.31

Table 4, Page 11 of 14

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0097	COI von Duben	von Duben, Arturo	7/18/02	Single-Family Residential	No	0.32
02-0106	COI Wright	Wright	9/23/02	Single-Family Residential	Yes	1.55
02-0026	GP Abdel-Rahman	Abdel-Rahman, Mohamed	3/11/02	Single-Family Residential	Yes	1.86
02-0027	GP Abrihim	Abrihim, Habib	3/20/02	Single-Family Residential	Yes	0.92
02-0052	GP Aleman	Aleman, Sergio	1/9/02	Single-Family Residential	No	0.22
02-0028	GP Balla	Balla, Laszio	1/23/02	Single-Family Residential	Yes	1.53
02-0029	GP Belio	Belio	3/28/02	Single-Family Residential	Yes	0.94
02-0268	GP Bongiovanni	Bongiovanni Living Trust	11/22/02	Single-Family Residential	No	6.78
02-0040	GP Busch	Busch, Brian	6/12/02	Single-Family Residential	Yes	2.70
02-0043	GP Chavez	Chavez, Robert	1/9/02	Single-Family Residential	No	0.54
02-0041	GP Combs	Combs, Candice	7/12/02	Single-Family Residential	Yes	2.36
02-0286	GP Decaprio	Decaprio, Philip	11/26/02	Single-Family Residential	No	1.84
02-0290	GP Diaz	Diaz	8/13/02	Single-Family Residential	No	0.51
02-0299	GP Diaz 2	Johnson, Myra	8/13/02	Single-Family Residential	No	2.03
02-0285	GP Disbrow	Disbrow, Duane	12/16/02	Single-Family Residential	No	8.91
02-0048	GP General Estates	General Estates Inc.	7/16/02	Single-Family Residential	No	0.55
02-0036	GP Gil	Gil, Santos	10/8/02	Single-Family Residential	Yes	1.00
02-0033	GP Hansen	Hansen, John	8/9/02	Single-Family Residential	Yes	1.77
02-0283	GP James	James, Justin	9/13/02	Single-Family Residential	No	11.10
02-0282	GP Johnson Family	Johnson Family Trust	11/25/02	Single-Family Residential	No	1.93
02-0264	GP Keller	Keller, Edward	7/10/02	Single-Family Residential	No	0.71
02-0049	GP Khouli	Solid Rock Developers Inc.	4/5/02	Single-Family Residential	No	0.18
02-0044	GP Lague	Lague, James	5/3/02	Single-Family Residential	No	5.04
02-0038	GP Lantis	Lantis, Daniel	6/24/02	Single-Family Residential	No	1.12

Table 4, Page 12 of 14

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0274	GP Las Olas Development LLC	Las Olas Development LLC	4/26/02	Single-Family Residential	Yes	1.84
02-0032	GP Magers SFR	Magers, Aaron	7/25/02	Single-Family Residential	Yes	1.73
02-0035	GP Miller	Miller, Daren	9/27/02	Single-Family Residential	Yes	1.62
02-0039	GP Peyton	Peyton, Robert	3/20/02	Single-Family Residential	No	3.52
02-0047	GP REI	REI NC, LLC	2/15/02	Single-Family Residential	No	2.01
02-0042	GP Robbins	Robbins, John	5/14/02	Single-Family Residential	No	1.01
02-0276	GP Rollins	Rollins, Duane	12/20/02	Single-Family Residential	Yes	2.50
02-0277	GP Royal Finishing Inc.	Royal Finishing Inc.	8/22/02	Industrial	No	0.85
02-0051	GP Sadik	Sadik, Belal	3/21/02	Single-Family Residential	No	0.29
02-0045	GP Saksa	Saksa, Paul	6/26/02	Single-Family Residential	No	2.18
02-0281	GP Shackleford	Shackleford, Wendell	3/21/02	Single-Family Residential	No	0.08
02-0037	GP Sial	Sial, Muhammad	10/8/02	Single-Family Residential	No	1.38
02-0284	GP Silver	Silver, Laura	9/6/02	Single-Family Residential	No	7.67
02-0025	GP Sipes	Sipes, Dean	6/11/02	Mobile Homes	Yes	0.83
02-0279	GP Spurgeon	Spurgeon, Michael	7/22/02	Single-Family Residential	No	2.78
02-0280	GP Torres	Torres, Luis	1/18/02	Single-Family Residential	No	4.14
02-0275	GP Ward	Ward, Leo	12/10/02	Single-Family Residential	No	2.61
02-0143	PM 19117	McManus, Randall	12/12/02	Single-Family Residential	No	2.54
02-0006	TM 18913	Razooky, Samir	3/5/02	Single-Family Residential	No	17.04
02-0007	TM 18917	Paulsue Family Trust	3/11/02	Single-Family Residential	No	3.06
02-0008	TM 18947	Morgan, Charles	4/19/02	Single-Family Residential	No	3.24
02-0009	TM 18958	Lively, Riley	5/3/02	Single-Family Residential	No	14.82
02-0011	TM 19039	Sunday Family Trust	8/26/02	Single-Family Residential	No	1.49
02-0016	TM 19062	McMurren, James	9/13/02	Single-Family Residential	No	2.50

Table 4, Page 13 of 14

Project Tracking #	Project Name	Applicant	Date of Loss	Activity Type	Inside Habitat Preserve	Acres
02-0301	TM Hendrix	Hendrix Family Trust	1/1/02	Single-Family Residential	No	1.05
02-0295	TPM Barrack	Barrack, Alfred	1/25/02	Single-Family Residential	Yes	7.42
02-0298	TPM Cornell	Warner, Shirley	1/1/02	Single-Family Residential	No	5.35
02-0300	TPM Eltinge Dr.	Stroman, Mark	3/1/02	Single-Family Residential	No	1.55
02-0303	TPM Kniffing	Kniffing, Mark	1/1/02	Single-Family Residential	No	8.55
Total for: South Metro-Lakeside-Jamul						333.22
Total Acres Lost:						1,186.98

Summary of Project Gains

2002 Annual Report

Start Date: 1 January 2002

End Date: 31 December 2002

Duration in days: 365

Project Tracking #	Project Name	Location	Applicant	APN	Date Cons.	Status	Mgmt. Resp.	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
02-0019	Cielo Ridge		Bailey, John		7/9/02	Gain	Private	Easement	Yes		32.39
02-0018	Rancho Cielo de Lusardi		Lusardi, Warner		7/9/02	Gain	Private	Easement	Yes		18.61
02-0002	TM 14351		Starwood Capital Group, LLC		3/6/02	Gain	Private	Easement	No		4.46
Total for: Lake Hodges										0	55.46
02-0125	BP Vaughan		Vaughan, John		11/7/02	Gain	Private	Easement	No		3.87
02-0145	COI Bradley Homes		Bradley Homes		1/25/02	Gain	Private	Easement	Yes		1.51
02-0072	COI Performance Properties		Performance Properties Inc.		8/14/02	Gain	Private	Easement	No		14.34
02-0030	GP Proffer		Proffer, William		6/26/02	Gain	Private	Easement	Yes		1.41
02-0141	PM 14503		Sheila Investors		12/10/02	Gain	Private	Easement	No		1.23
02-0108	PM 19095		Metzler, Donald		11/8/02	Gain	Private	Easement	Yes		27.27
02-0318	Ramona Serena Acquisition		County of San Diego		1/25/02	Gain	Local	Acquisition	Yes		680.35
02-0315	Shuler Acquisition		County of San Diego		12/16/02	Gain	Local	Acquisition	Yes		64.57
02-0001	TM 14343		Kennedy Development of California, LLC		2/13/02	Gain	Private	Easement	Yes		0.17
02-0003	TM 14352		REI		3/6/02	Gain	Private	Easement	No		113.73
02-0010	TM 18999		Fenton, Justin		6/19/02	Gain	Private	Easement	Yes		278.77

Project Tracking #	Project Name	Location	Applicant	APN	Date Cons.	Status	Mgmt. Resp.	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
Total for: North Metro-Lakeside-Jamul										0	1,187.22
02-0375	BLM Acquisitions 2002		BLM		6/30/02	Gain	Federal	Acquisition	Yes		622.90
02-0325	Otay Ranch		Otay Ranch		1/1/02	Gain	Private	Easement	Yes		118.55
Total for: South County										0	741.45
02-0223	BP Canyon View Estates		Canyon View Estates 2002 LLC		5/30/02	Gain	Private	Easement	Yes		0.29
02-0224	BP Canyon View Estates 2		Canyon View Estates 2002 LLC		5/30/02	Gain	Private	Easement	Yes		1.50
02-0226	BP Canyon View Estates 4		Canyon View Estates 2002 LLC		5/30/02	Gain	Private	Easement	Yes		0.27
02-0227	BP Canyon View Estates 5		Canyon View Estates 2002 LLC		5/30/02	Gain	Private	Easement	Yes		1.51
02-0205	BP Holmes		Holmes, Daryl		9/10/02	Gain	Private	Easement	Yes		0.94
02-0201	BP Porter		Porter, Steven		5/2/02	Gain	Private	Easement	No		0.97
02-0143	PM 19117		McManus, Randall		12/12/02	Gain	Private	Easement	No		0.49
02-0330	State Acquisition 2002		State of California		6/30/02	Gain	State	Acquisition	Yes		256.52
02-0006	TM 18913		Razooky, Samir		3/5/02	Gain	Private	Easement	Yes		145.58
02-0007	TM 18917		Paulsue Family Trust		3/11/02	Gain	Private	Easement	No		0.87
02-0009	TM 18958		Lively, Riley		5/3/02	Gain	Private	Easement	Yes		44.98
02-0328	USFWS 2002 Acquisitions		USFWS		5/15/02	Gain	Federal	Acquisition	Yes		88.21
Total for: South Metro-Lakeside-Jamul										0	542.13
Total Acres Conserved/Mitigation Bank Credits:										0	2,526.26

Table 6

MITIGATION BANKS

MITIGATION BANK	TOTAL CREDITS (Acres)	CREDITS USED (Acres)	REMAINING CREDITS (Acres)
THE ENVIRONMENTAL TRUST			
LAKE HODGES – WALSH	30.98	30.98	0.00
McGINTY MTN.	355.81	229.78	126.03
O'NEAL CANYON	758.15	476.50	281.65
SAN VICENTE – I	320.00	233.86	86.14
UPHAM VERNAL POOLS	23.00	3.85	19.15
TOTALS	1,507.18	974.97	532.21
COUNTY OF SAN DIEGO			
BODEN CANYON*	39.50	23.50	16.00
RANCHO SAN DIEGO (County Acres)*	409.20	60.4	348.80
SINGING HILLS*	69.70	0.00	69.70
SWEETWATER*	23.00	5.58	17.42
OLD CASTLE (Not in MSCP)*	60.02	41.4	18.62
TOTALS	601.42	130.88	470.54
GRAND TOTALS	2,108.60	1,105.85	1,002.75
* Approved mitigation bank			

Table 7

GOVERNMENT PURCHASES

PROJECT NAME	TOTAL ACRES
FEDERAL AGENCIES	
2002 Acquisitions*	711.11
TOTAL Acquisitions	6,781*
STATE AGENCIES	
2002 Acquisitions*	256.52
TOTAL Acquisitions	14,251*
COUNTY	
2002 Acquisitions	891.19
TOTAL Acquisitions	2,360.91

*Acquisition totals for Federal and State Agencies may have changed from the previous MSCP Annual Reports due to updates and corrections of previous data.

Table 8

Total Completed Acquisitions within County Of San Diego Approved MSCP

Area	Property	Acres	Date Acquired	Actual Land Cost	Grant	General Fund
HOLLENBECK CANYON						
Phase I	Daley Ranch	312.50	9/7/00	\$1,000,000	\$0	\$1,000,000
Phase II	Daley Ranch	285.70	10/20/00	\$1,000,000	\$1,000,000	
Sub-Total		598.20		\$2,000,000	\$1,000,000	\$1,000,000
IRON MOUNTAIN						
Phase I	Ramona Serena	716.50	1/25/02	\$4,440,000	\$2,000,000	\$2,440,000
Sub-Total		716.50		\$4,440,000	\$2,000,000	\$2,440,000
LUSARDI CREEK						
	Rancho Vista	97.19	9/2/99	\$1,845,500	\$922,750	\$922,750
	Santa Fe Views	95.40	3/9/00	\$1,976,000	\$988,000	\$988,000
Sub-Total		192.59		\$3,821,500	\$1,910,750	\$1,910,750
LAKESIDE ARCHIPELAGO						
Phase I	Ham	46.61	1/29/99	\$800,000	\$400,000	\$400,000
	HJMD	32.59	2/12/99	\$490,000	\$245,000	\$245,000
Phase II.A	Yunis	13.28	1/29/99	\$270,000	\$135,000	\$135,000
Phase II.B	Arabo	9.06	10/29/99	\$160,000	\$80,000	\$80,000
	United Brokers/Curto	8.73	12/27/00	\$153,000	\$76,500	\$76,500
	Shuler	58.26	12/16/02	\$425,000	\$425,000	\$0
	Pavel	11.77	6/29/01	\$200,000	\$100,000	\$100,000
Sub-Total		180.30		\$2,498,000	\$1,461,500	\$1,036,500
ALPINE, WRIGHT'S FIELD						
	Union Bank	38.70	7/27/00	\$356,633	\$208,437	\$148,196
	Findel Ranch	30.00	9/16/02	\$500,000		\$500,000
	Alpine Sch. Dist.	40.00	7/27/00			
Sub-Total		108.70		\$856,633	\$208,437	\$648,196
Total		1,796.29		\$13,616,133	\$6,580,687	\$7,035,446

Table 9

Total Completed Acquisitions within the City of San Diego MSCP

Area	Property	Acres	Date Acquired	Actual Land Cost	Grant	General Fund
OTAY VALLEY R.P.	Malcom	0.99	1/16/01	\$46,000	\$46,000	
	O'Brien	8.18	6/7/01	\$205,500	\$102,724	\$102,776
	Sub-Total	9.17		\$251,500	\$148,724	\$102,776
TIJUANA RIVER VALLEY	West/Dymott	41.00	1/8/98	\$410,000	\$410,000	\$0
	Arrietta	39.83	6/15/98	\$478,000	\$478,000	\$0
	CalMat Option I	220.09	5/19/98	\$1,668,481	\$1,668,481	\$0
	Hanson	75.59	12/20/02	\$1,387,500	\$0	\$1,387,500
	CalMat Option Final	28.10	12/14/99	\$208,837	\$208,837	
	Skibbe	10.84	5/1/02	\$485,000	\$485,000	\$0
	Piper/Shelton	140.00	5/30/00	\$1,752,750	\$1,252,750	\$500,000
	Sub-Total	555.45		\$6,390,568	\$4,503,068	\$1,887,500
	Total	564.62		\$6,642,068	\$4,651,792	\$1,990,276

Table 10

Total Completed Acquisitions within County and City of San Diego Approved MSCP

Area	Property	Acres	Date Acquired	Actual Land Cost	Grant	General Fund
		2,360.91		\$20,258,201	\$11,232,479	\$9,025,722

**Figure 1
Baseline
MSCP**

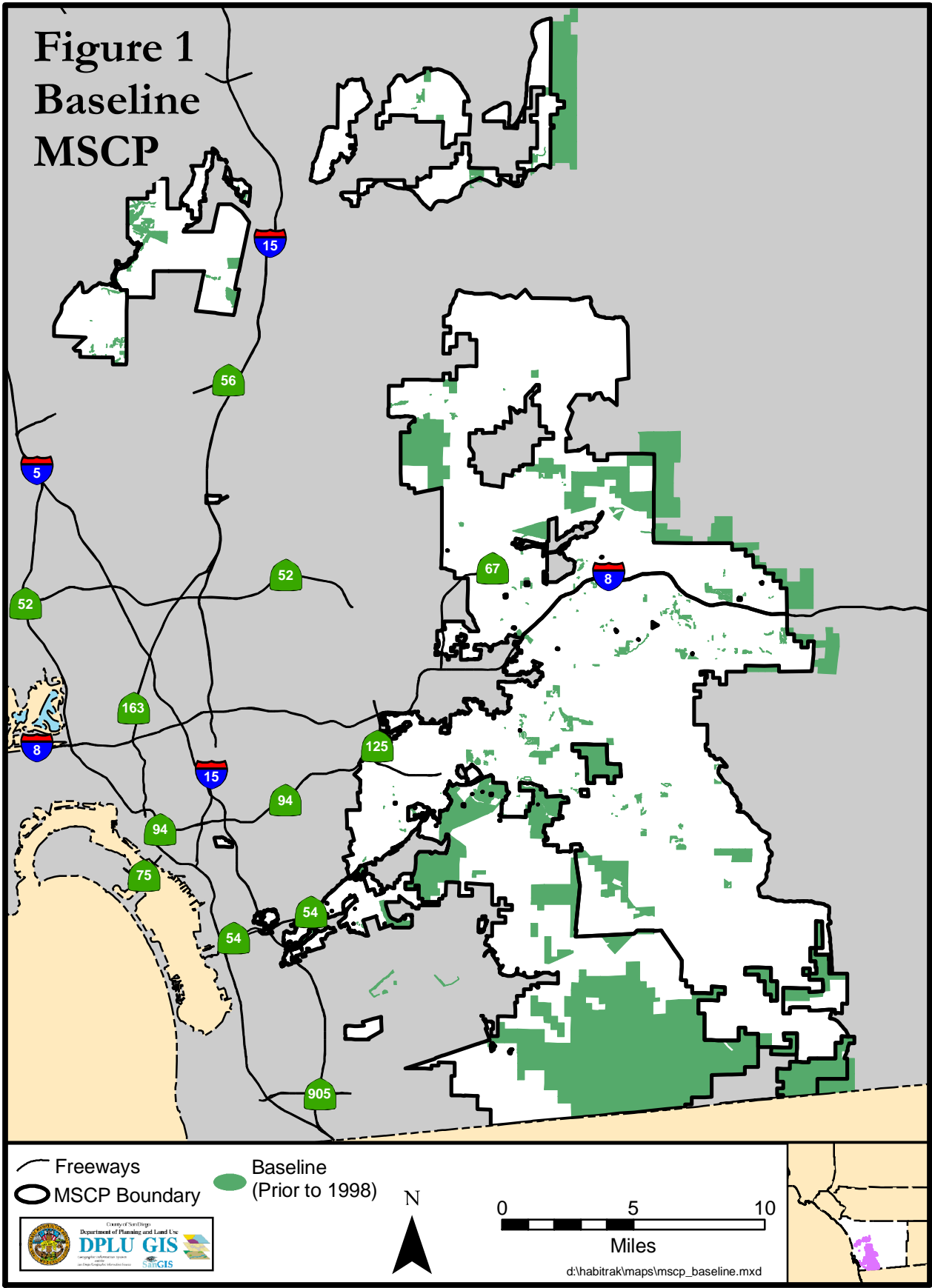


Figure 2a
Cumulative Preserve Status
Metro-Lakeside-Jamul -
Segment North

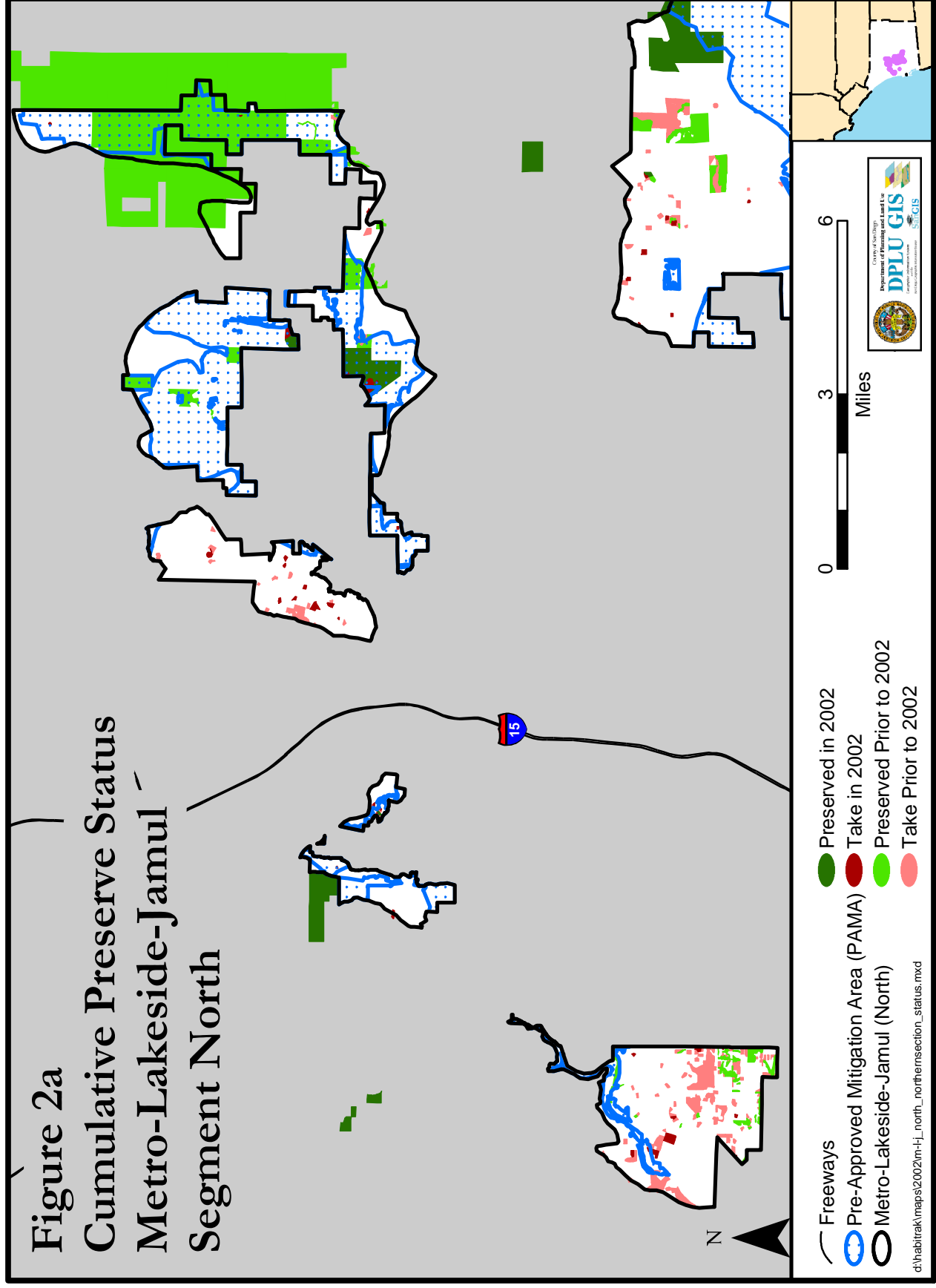


Figure 2b

**Cumulative Preserve Status
Metro-Lakeside-Jamul
Segment North**

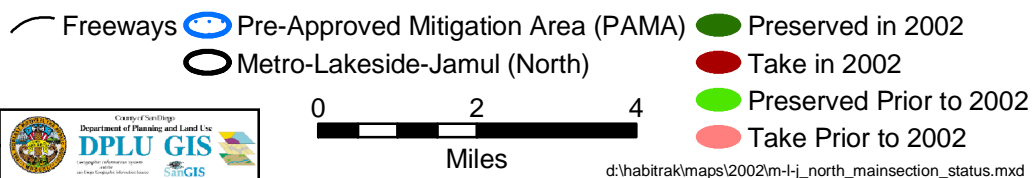
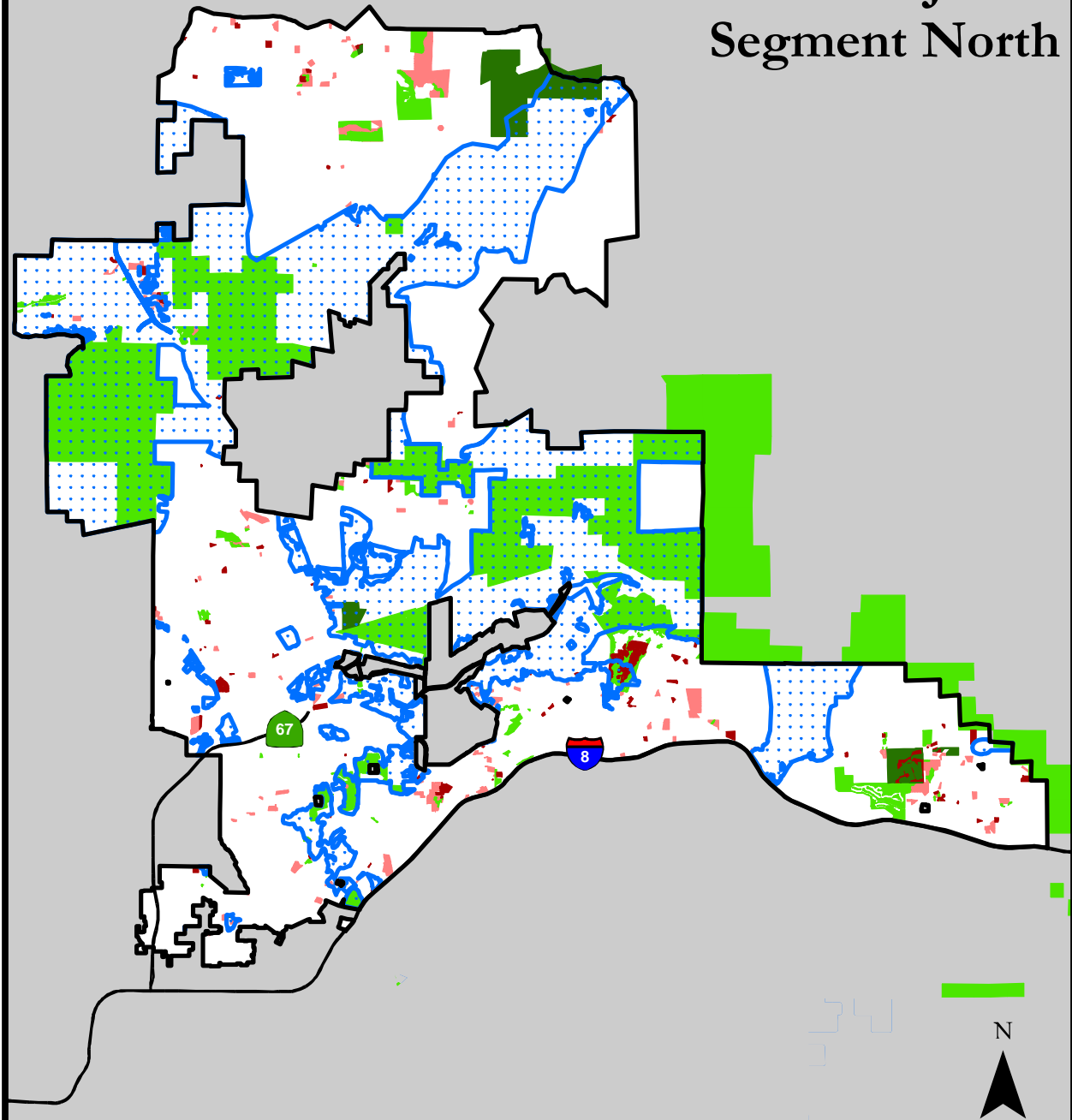


Figure 2c
Cumulative Preserve Status
Metro-Lakeside-Jamul /
Segment South

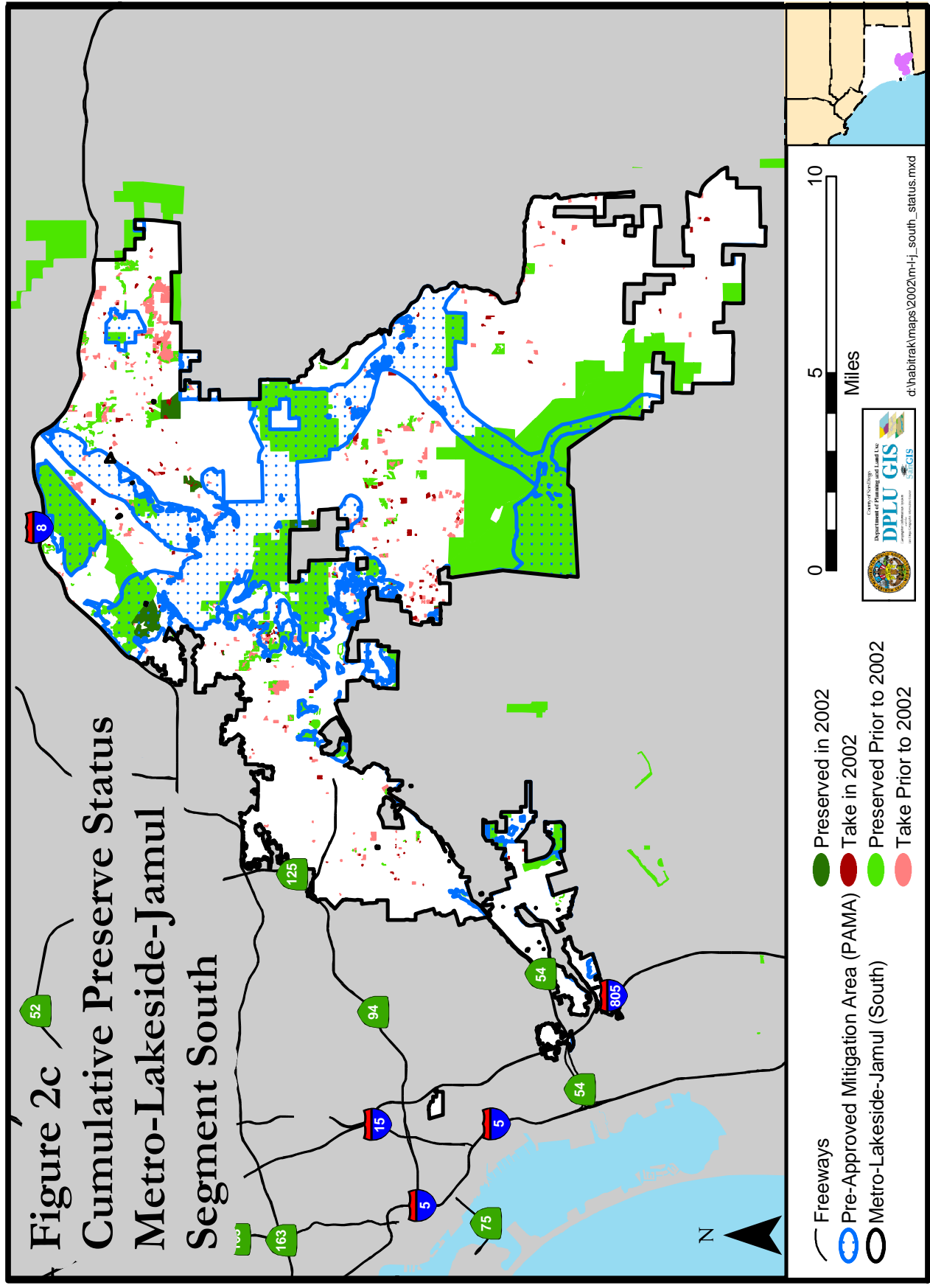


Figure 3 Cumulative Preserve Status Lake Hodges Segment

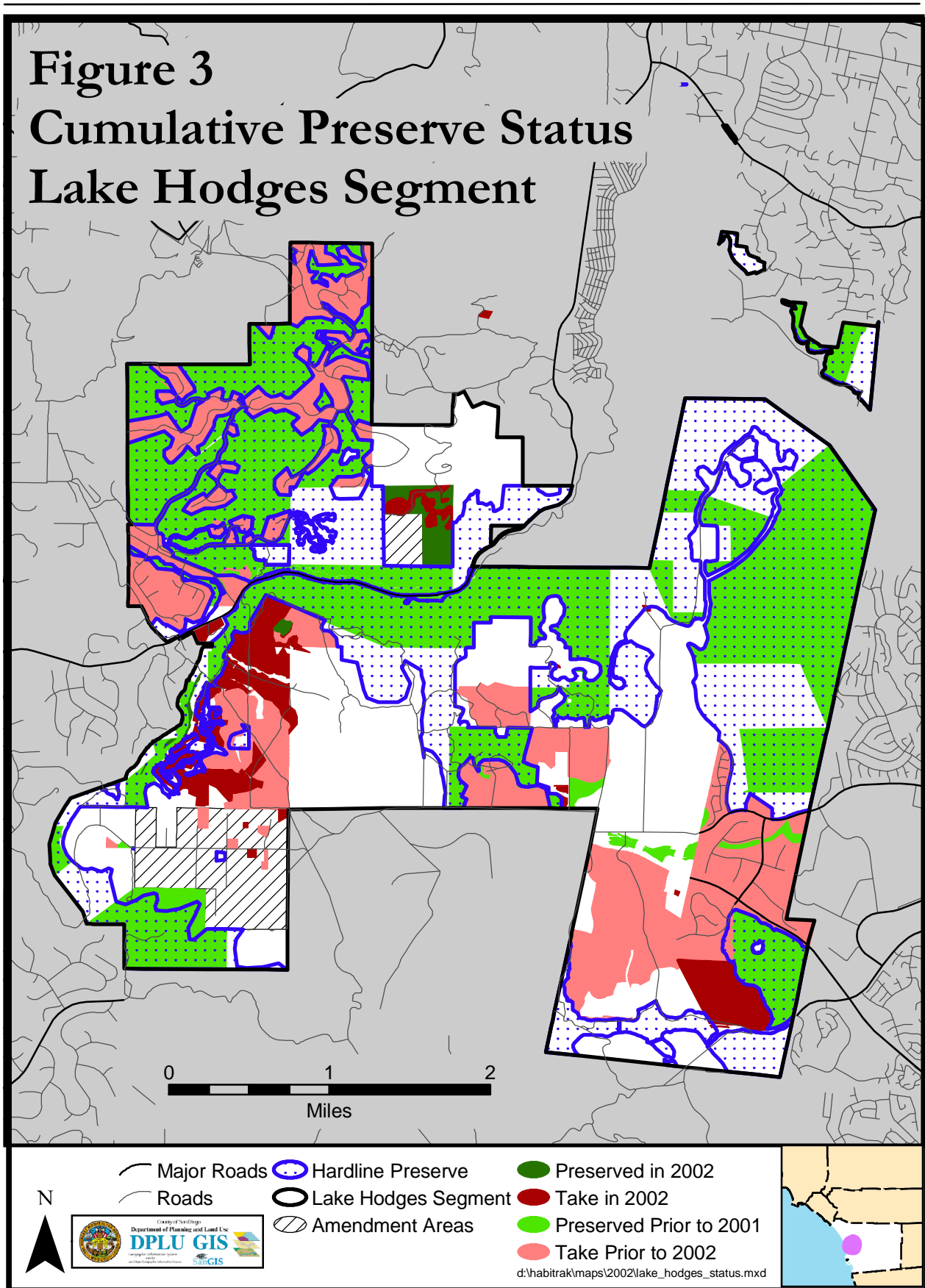
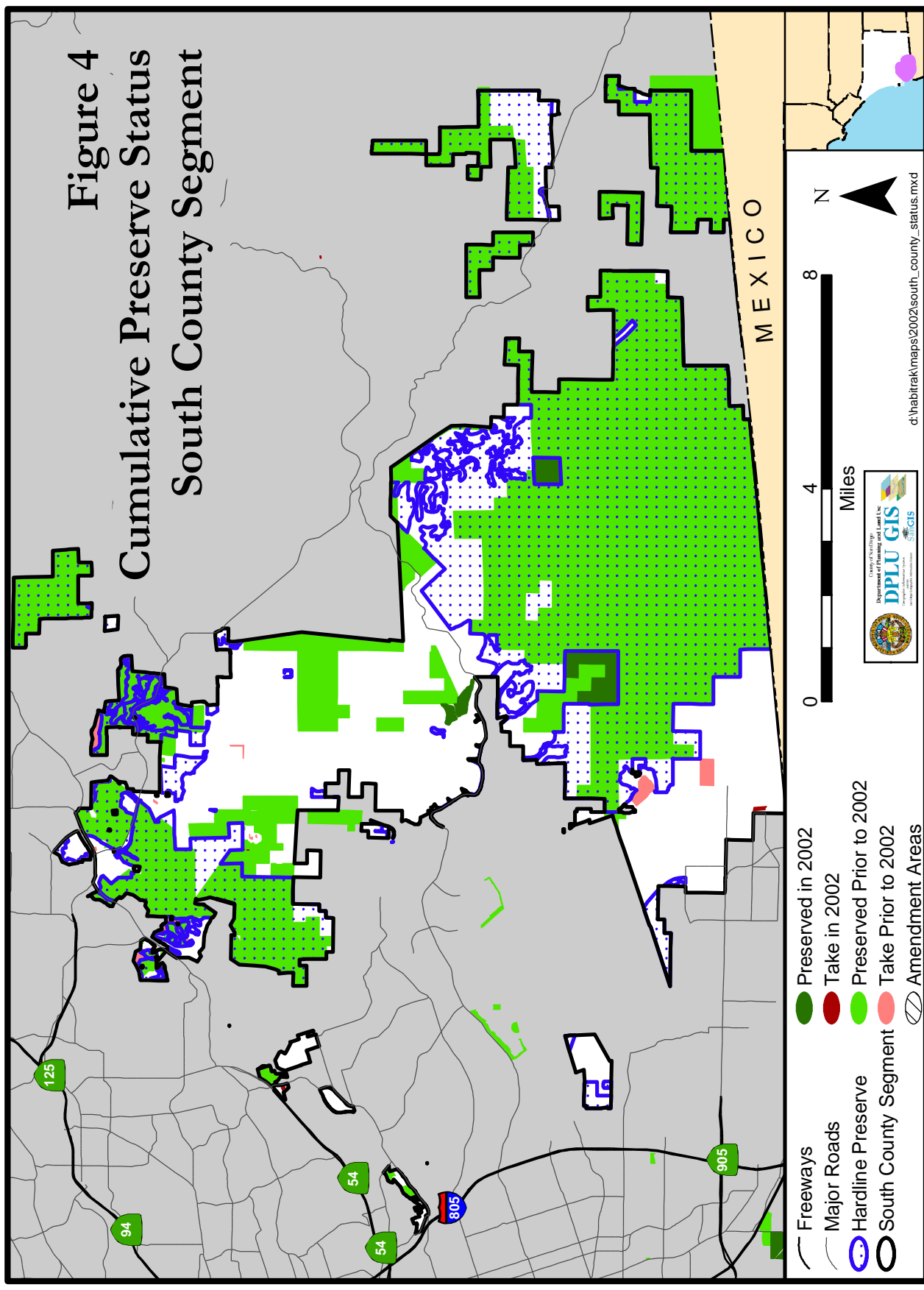


Figure 4

Cumulative Preserve Status

South County Segment



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